Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No. | | No. | 0275M-000605/USA | χd |
|---------------------|------------|----------|-------------------|----|
| First In | ventor | Toshi | o Maruyama | Ø |
| Title | Pipe Ho | lding Fa | stener | 88 |
| Expres | s Mail Lat | el No. | EL 741 125 446 US | |

| | IIIAI | 40IVII I 7 | ~ L | | Title | ' | _ | | | ω |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|-------------------|----------------|
| (Only for n | ew nonprovisiona | al applications un | der 37 C.F.R. 1.53(b, | , | Expres | <u>l</u> ss Mail Lab | el No. | EL 74 | 1 125 446 l | 80 SIS : SI |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | | | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | |
| 2. | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 21] Operating the processing of the Invention | | | | | c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) | | | | |
| 4. □ Drawing(s) (35 U.S.C.113) | | | | | | 12. | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☑ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: PCT/US02 / 16658 Prior application information: Examiner ☐ Group / Art Unit: ☐ For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS | | | | | | | | | | |
| | | | | | | or Correspondence address below ttach bar code label here) | | | | |
| Name | Harness, Dick Christopher M | key & Pierce, F 1. Brock | P.L.C. | | | | | | | |
| Address | P.O. Box 828 | | | | | | | | | |
| City | Bloomfield Hi | lls | State | 9 | МІ | MI Zip Co | | | Code | 48303 |
| Country | United States | of America | Telephone | | 248 | 248-641-1600 Fax | | | 248-641-0270 | |
| Name (Pri | int/Type) | Christopher I | M. Brock | | Registration No. (Attorney/Agent) 27313 | | | | 27313 | |
| Signature Christopher Me 1 | | | | 2 6 | 3, | 3 Date November 18, 2003 | | | November 18, 2003 | |

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | Complete if Known | | | | | |
|-------------------------------------------------------|----------------------|------------------|--|--|--|--|
| FEE TRANSMITTAL | Application Number | To Be Assigned | | | | |
| for FY 2004 | Filing Date | | | | | |
| Detect for any subject to any of any initial | First Named Inventor | Toshio Maruyama | | | | |
| Patent fees are subject to annual revision. | Examiner Name | | | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | Group / Art Unit | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 770 | Attorney Docket No. | 0275M-000605/USA | | | | |

| TOTAL AMOU | INT OF PAYMENT | (\$) 770 | | Attorne | y Dock | et No. | 0275 | M-000605/USA | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------|--------------|----------------------|--------------|---------------------|-------------------------------------------------------------------------------------------|---------------|--|
| ME | THOD OF PAYMENT (ch | eck all that apply) |) | | | | FEE CA | ALCULATION (continued) | | |
| | | | | | 3. ADDITIONAL FEES | | | | | |
| | Order | Other N | lone | Large | Entity | Small E | ntity | | | |
| Deposit Accou | | | | Fee | Fee | Fee | Fee | Fee Description | Fee Paid | |
| Deposit | | | | Code 1051 | (\$) 130 | Code 2051 | (\$) 65 | Surcharge - late filing fee or oath | | |
| Account Number | 02-2550 | | | 1052 | 50 | 2052 | 25 | Surcharge - late ming fee of oath Surcharge - late provisional filing fee or cover sheet. | | |
| Deposit | | | | 1053 | 130 | 1053 | 130 | Non-English specification | | |
| Account | The Black & Decker Corp | poration | | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | | |
| Name | | | | | 920* | 1804 | 920* | Requesting publication of SIR prior to | | |
| | er is authorized to: (cf | | | | Ì | | | Examiner action | | |
| ☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application | | | | | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | |
| | indicated below, except ified deposit account. | for the filing fee | 1 | 1251 | 110 | 2251 | 55 | Extension for reply within first month | | |
| to the above-ident | FEE CALCULA | TION | · · · · · · · · · · · · · · · · · · · | 1252 | 420 | 2252 | 210 | Extension for reply within second month | | |
| 1. BASIC FIL | ING FEE | | | 1253 | 950 | 2253 | 475 | Extension for reply within third month | | |
| | Small Entity Fee Fee Fee Des | cription | | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | | |
| | Code (\$) | CHPRION | Fee Paid | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | | |
| 1001 770 2 | 2001 385 Utility fili | ng fee | 770 | 1401 | 330 | 2401 | 165 | Notice of Appeal | | |
| 1002 340 2 | 2002 170 Design fi | · - | - | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | | |
| 1003 530 2 | 2003 265 Plant filir | · · | | 1403 | 290 | 2403 | 145 | Request for oral hearing | | |
| | 2004 385 Reissue | filing fee nat filling fee | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | |
| 1003 100 1 | .003 60 F10VISIQI | iai iiiii ig iee [| | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | | |
| | SUBTOTAL (1) | Γ | (\$) 770 | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | | |
| O EVERA OLAMA EFFO | | | | | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | | |
| 2. EXTRA CLAIM FEES | | | | | 480 | 2502 | 240 | Design issue fee | | |
| | Extra Claims | Fee from below | Fee Paid | 1503 | 640 | 2503 | 320 | Plant issue fee | | |
| Total Claims 9 | -20 ** = 0 | ٦ × آ | = 0 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | |
| Independent | | ī ==== | | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | | |
| Claims 2 Multiple | -3 ** = 0 | × | = 0 | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | |
| Dependent Large Entity | ı Small Entity | × [] | = 0 | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of | | |
| Fee Fee | Egg Egg | | | 1809 | 770 | 2809 | 385 | properties) | | |
| Code (\$) | Code (\$) Fee | Description | | 1009 | ′′′ | 2009 | 303 | Filing a submission after final rejection (37 CFR § 1.129(a)) | '1 | |
| 1202 18 | 2202 9 Clai | ms in excess of 20 | | 1810 | 770 | 2810 | 385 | For each additional invention to be | | |
| 1201 86 | 2201 43 Inde | ependent claims in | excess of 3 | | | | | examined (37 CFR § 1.129(b)) | | |
| 1203 290 | | tiple dependent cla | • | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | | |
| 1204 86 | 2204 43 origi | eissue independen inal patent | | 1802 | 900 | 1802 | | Request for expedited examination of a design application | | |
| 1205 18 | | eissue claims in ex r original patent | cess of 20 and | Other fo | e (specif | ٠ <u>/</u> ١ | | or a dasiyri appiloalidi | | |
| | SUBTOTA | AL (2) (\$) 0 | | | | | | | | |
| | | | | *Reduc | ed by Ba | sic Filing | Fee Pa | id SUBTOTAL (3) (\$) 0 | | |
| **or number prev | iously paid, if greater; F | or Reissues, see | above | | | | | | | |

| SUBMITTED BY | | Cı | Complete (if applicable) | | | |
|-------------------|----------------------|----------------------------------|--------------------------|-----------|-------------------|--|
| Name (Print/Type) | Christopher M. Brock | Registration No. Attorney/Agent) | 27313 | Telephone | 248-641-1600 | |
| Signature | Clemison | in Me Brock | | Date | November 18, 2003 | |